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First Named Inventor/Applicant Name:	Ernest C Chen			
Correspondence Address:	GeorgannS Grunebach The Directv Group Inc Re R11 A109 Post Office Box 956 El Segundo CA 90245 US			
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Document Number	Document Description	File Name	File Size(Bytes) /Message Digest	Multi Part /.zip	Pages (if appl.)
1	Information Disclosure Statement	PD-201033-IDS-efile.pdf	178858	no	4
	(IDS) Filed		272669ab1e57acfe037fe675e721fa0f4 370b888		
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2	NPL Documents	PD-202074-NAL.pdf	216880	no	4
	MI E DOCUMENTS		acf607dc349a2ebc19a44802197328f9 b1dcb5d7		
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3	NPL Documents	PD-202118-OA.pdf	478811	no	13
3	NI E Documents	1 b-202110-0A.pai	277e4e7cf85feee935bd52d70210be2c 5594884c		
Warnings:					
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4	NDI Dogumento	PD-201151A-NAL.pdf	321041	no	8
4	NPL Documents		bc8ff05366c8b8113d0d25cdb99c9ac4b d0526b2		
Warnings:					
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5	NPL Documents	PD-200228-EP-OA-Apr4200	206037	no	5
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Warnings:					
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6	6 NPL Documents PD-202128A-NAL.pdf	PD-2021284-NAL ndf	242777	no	5
		1 b 202120A NAL.pui	0d90ab3387763a5c9ceb5dae4c1b0b3 01694863c		
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7	NPL Documents	PD-202118-JP-OA.pdf	131257	no	4
,	NI E Documents		7d2301d3ed437693be98b0532307bc8 cd0908f2a		
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8 NPL Documents	PD-202118-EP-OA-Feb2620	154603	no	5	
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9 NPL Documents	NDI Dogumento	PD-202109-EP-OA-Feb0720	246584	no	7
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Information:					
ALC:	NPL Documents	PD-202130-NAL.pdf	212752	no	5
11 NPL Documents	MI E Documents	PD-202130-NAL.pdi	33e3294769ed6d9799a5b75afc1e4f16 23e96f12	no	5
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Information:					
12 NPL Docume	NPL Documents	PD-202109-NAL.pdf	250380	no	5
12 NFL Documents	1 B 202103 W.E.pui	97df6a388b220550060e60a96c2d5c9a 2ef96eef			
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13 NPL Documents	PD-200181-CA-OA.pdf	81883	no	2	
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If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

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If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

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If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.